CLINICAL IMAGING

Contents

VOLUME 16, NUMBER 1, 1992

REVIEW

1 Some Commonly Unrecognized Manifestations of Metabolic Arthropathies

Mark J. Cobby and William Martel

ORIGINAL ARTICLES

High Resolution Computed Tomography of Inflation-Fixed Lungs: Pathologic—Radiologic Correlation of Pulmonary Lesions in Patients with Leukemia, Lymphoma, or Other Hematopoietic Proliferative Disorders

W. Anthony Lee, Ralph H. Hruban, Janet E. Kuhlman, Elliot K. Fishman, Paul S. Wheeler, and Grover M. Hutchins

25 MR Findings in Asymptomatic Shoulders: A Blind Analysis Using Symptomatic Shoulders as Controls

Vijay Cĥandnani, Charles Ho, Judith Gerharter, Christian Neumann, Sevil Kursunoglu-Brahme, David J. Sartoris, and Donald Resnick

- 31 Cervical Fracture in Ankylosing Spondylitis: Value of Multidimensional Imaging
 Elliot K. Fishman and Donna Magid
- 34 Synovial Osteochondromatosis of the Ankle: MR Findings
 A. Blandino, L. Salvi, G. Chirico, M. Longo, C. Faranda, P. Romeo, and
 I. Pandolfo
- 37 MRI Characteristics of Two Cases of Adrenal Ganglioneuromas

Alexander D. Serra, Richard B. Rafal, and John A. Markisz

40 Post-Traumatic Reactive and Resorptive Lesions of the Medial End of the Clavicle

Sara Apter, Majorie Hertz, Moshe Salai, Jacobo Nerubai, and Jose J. Bubis

43 The PCL Line: An Indirect Sign of Anterior Cruciate Ligament Injury

Mark E. Schweitzer, Vinicio Cervilla, Sevil Kursunoglu-Brahme, and Donald Resnick

49 Tumoral Calcinosis Causing Bone Erosion in a Renal Dialysis Patient

Carolyn Cidis Meltzer, Elliot K. Fishman, and William W. Scott, Jr.

52 Computed Tomography Evaluation of Recurrent Merkel Cell Carcinoma

Liston A. Orr, Steven C. Sotile, Barry R. Byram, and B. G. Brogdon

55 Imaging of Plantaris Muscle Rupture Jeffrey C. Allard, Josiah Bancroft, and Guy Porter

CLINICAL IMAGING

Contents

VOLUME 16, NUMBER 1, 1992

REVIEW

1 Some Commonly Unrecognized Manifestations of Metabolic Arthropathies

Mark J. Cobby and William Martel

ORIGINAL ARTICLES

High Resolution Computed Tomography of Inflation-Fixed Lungs: Pathologic—Radiologic Correlation of Pulmonary Lesions in Patients with Leukemia, Lymphoma, or Other Hematopoietic Proliferative Disorders

W. Anthony Lee, Ralph H. Hruban, Janet E. Kuhlman, Elliot K. Fishman, Paul S. Wheeler, and Grover M. Hutchins

25 MR Findings in Asymptomatic Shoulders: A Blind Analysis Using Symptomatic Shoulders as Controls

Vijay Cĥandnani, Charles Ho, Judith Gerharter, Christian Neumann, Sevil Kursunoglu-Brahme, David J. Sartoris, and Donald Resnick

- 31 Cervical Fracture in Ankylosing Spondylitis: Value of Multidimensional Imaging
 Elliot K. Fishman and Donna Magid
- 34 Synovial Osteochondromatosis of the Ankle: MR Findings
 A. Blandino, L. Salvi, G. Chirico, M. Longo, C. Faranda, P. Romeo, and
 I. Pandolfo
- 37 MRI Characteristics of Two Cases of Adrenal Ganglioneuromas

Alexander D. Serra, Richard B. Rafal, and John A. Markisz

40 Post-Traumatic Reactive and Resorptive Lesions of the Medial End of the Clavicle

Sara Apter, Majorie Hertz, Moshe Salai, Jacobo Nerubai, and Jose J. Bubis

43 The PCL Line: An Indirect Sign of Anterior Cruciate Ligament Injury

Mark E. Schweitzer, Vinicio Cervilla, Sevil Kursunoglu-Brahme, and Donald Resnick

49 Tumoral Calcinosis Causing Bone Erosion in a Renal Dialysis Patient

Carolyn Cidis Meltzer, Elliot K. Fishman, and William W. Scott, Jr.

52 Computed Tomography Evaluation of Recurrent Merkel Cell Carcinoma

Liston A. Orr, Steven C. Sotile, Barry R. Byram, and B. G. Brogdon

55 Imaging of Plantaris Muscle Rupture Jeffrey C. Allard, Josiah Bancroft, and Guy Porter

RADIOLOGY-PATHOLOGY CONFERENCE

59 An Eight-Week-Old Boy with Left Scrotal Mass Chris Chernesky, Antonio F. Govoni, and Scott Miller

BOOK REVIEWS

62 Magnetic Resonance Imaging of Children

Review by Paula W. Brill and Linda Heier

Clinical Magnetic Resonance: Imaging and Spectroscopy

Review by R. James R. Knowles

Advances in Radiation Protection

Review by Jean St. Germain

Ultrasound in Gynecology and Obstetrics

Review by Ruth Rosenblatt

MRI of the Shoulder

Review by Robert Freiberger

ABSTRACTS

65 Summaries of Selected Journal Articles

NOTICES

70 Radiology Courses and Meetings

VOLUME 16, NUMBER 2, 1992

REVIEW

73 Imaging of Common Congenital Anomalies of the Brain and Spine

Mauricio Castillo and Rodrigo Dominguez

ORIGINAL ARTICLES

89 MR Appearance of Radiation Hepatitis

David F. Yankelevitz, Pamela H. Knapp, Claudia I. Henschke, Lourdes Nisce, Yun Yi, and Patrick Cahill

93 MR of Craniocerebral Hemiatrophy

R. Nuri Sener and J. Randy Jinkins

98 MR Imaging of Hepatic Plasmacytoma: A Case Report

Ba D. Nguyen, Nilima Dash, and Anthony R. Lupetin

102 CT in Adrenal Enlargement Due to Tuberculosis: A Review of Literature with Five New Cases

Tarvinder Bir Singh Buxi, Rakesh Bal Vohra, Sujatha, Shrishti Paul Byotra, Sushant Mukherji, and Mathew Daniel

109 CT Fluid Bronchogram: Observation in Postobstructive Pulmonary Consolidation

Myung S. Shin and Kang-Jey Ho

114	CT Manifestations of Infectious Mononucleosis
	Alan J. Garten, David S. Mendelson, and Kathleen P. Halton

- 117 Bamboo Foreign Bodies in Lung Parenchyma: CT Features
 Hajime Nakata, Kanji Egashira, Katsumi Nakamura, Kuniaki Hayashi,
 and Masakazu Mori
- 121 Retroperitoneal Schwannomas Simulating Adrenal Tumors
 Soya Maeshima, Hironobu Nakamura, Masanori Nishikawa,
 Takamichi Murakami, Takashi Mitani, Taro Marukawa,
 Shinichi Hori, Takahiro Kozuka, and Masahiro Irimoto
- 125 Solitary Pulmonary Nodule in Secondary Syphilis
 John V. Cholankeril, Alan-Lin Greenberg, Hussein M. Matari,
 Michelle R. Reisner, and Abraham Obuchowski
- 129 Posttraumatic Renal Infarction Versus Tumor: A Helpful Angiographic Finding
 Theodore T. Miller, Patricia E. Cole, John T. Ellis, Elias Kazam, and Thomas A. Sos

RADIOLOGY-PATHOLOGY CONFERENCE

134 A 51-Year-Old Woman and Right Nasal Obstruction Robert Ernst and Antonio F. Govoni

BOOK REVIEWS

137 Advances in Gastrointestinal Radiology, Volume 1
Reviewed by David A. Wojtasek

Abdominal Sonography Reviewed by Yong Ho Auh

ABSTRACTS

138 Summaries of Selected Journal Articles

NOTICES

144 Radiology Courses and Meetings

VOLUME 16, NUMBER 3, 1992

REVIEWS

- 145 Human Immunodeficiency Virus Infection in Children
 David A. Dowe, E. Robert Heitzman, and Jeffrey J. Larkin
- 152 MRA Review
 H. Bosmans, G. Marchal, P. Van Hecke, and P. Vanhoenacker

ORIGINAL ARTICLES

Ossified Soft Tissue Recurrence of Giant Cell Tumor of Bone
Shigeru Ehara, Jun Nishida, Masataka Abe, Yasushi Kawata,
Haruki Saitoh, and Susan V. Kattapuram

172	Inferior Mesenteric Artery Branch Avulsion from Blunt Trauma—CT Findings: Case Report Mary Olson, Harold Posniak, and Gilberto Gomes					
175	Giant Pseudoaneurysm of the Hepatic Artery—CT Demonstration: Case Report Scott J. Savader, Barbara L. Savader, Elliot K. Fishman, Anthony C. Venbrux, Thomas B. Fletcher, and Floyd A. Osterman, Jr.					
180	Hemopericardium Leading to Cardiac Tamponade in the Traumatized Pediatric Patient: Discovery by CT Kathryn M. Frantz and Elliot K. Fishman					
183	Inflammatory Breast Cancer: CT Evaluation Geraldine T. Mogavero, Elliot K. Fishman, and Janet E. Kuhlman					
187	Extraadrenal Pheochromocytoma: Dynamic Demonstration at 0.5 Tesla Tomoaki Ichikawa, Hajime Fujimoto, Koji Murakami, Naoki Ishikawa, Jun Itami, and Noboru Arimizu					
190	Inspissated Bile within the Common Bile Duct Simulating Cholangiocarcinoma: Case Report Perry S. Gerard, Richard Siegmann, Joel Albert, and Ellen Wetter					
194	Leiomyoblastoma: Varied CT Appearance Marilyn E. Lerner, Jack Farman, Kay Cho, Ira Tyler, and David Mullen					
198	Thyroid Cyst Mistaken for Carotid Pseudoaneurysm by MR Angiography: Case Report Charles M. Anderson, Gretchen A.W. Gooding, and Ralph E. Lee					
201	Seminoma of the Testis Presenting as an Ulcerating Mass of the Duodenum Theodore T. Miller, David S. Mendelson, Li-Teh Wu, and					

RADIOLOGY-PATHOLOGY CONFERENCE

Kathleen P. Halton

204 A 27-Year-Old Woman with Gradual Unilateral Loss of Vision of One Year's Duration
Richard S. Jennis, Antonio F. Govoni, and Kathleen Whitney

BOOK REVIEWS

209 Atlas of Normal Fetal Ultrasonographic Anatomy, 2nd Edition

Review by Ruth Rosenblatt

Handbook of Neuroradiology

Review by Gerard A. Compito

Nuclear Medicine in Gastroenterology Review by Barbara Binkert

Atlas of Normal Roentgen Variants That May Simulate Disease, 5th Edition

Review by David B. Hayt

Current Practice of Interventional Radiology Review by David Trost

Basic Doppler Physics Review by R. James R. Knowles

Cardiovascular Magnetic Resonance Imaging

Review by Ludovico Dalla Palma

Peripheral Vascular Imaging and Intervention

Review by Neil Khilnani

Handbook of Gastrointestinal and Genitourinary Radiology

Review by Stanley Schatzman

ABSTRACTS

214 Summaries of Selected Journal Articles

NOTICES

220 Radiology Courses and Meetings

VOLUME 16, NUMBER 4, 1992

REVIEW

221 Radiology of the Pleural Fissures

R.M. Sofranik, B.H. Gross, and D.L. Spizarny

ORIGINAL ARTICLES

230 Quantitative Scintigraphy of the Sacroiliac Joints H. Verlooy, L. Mortelmans, S. Vleugels, and M. de Roo

234 Hepatic Arterial Color Doppler Signals in Caroli's Disease Moon-Gyu Lee, Kyoung Sik Cho, Yong Ho Auh, Seung Yon Baek, Myung Hwan Kim, and Eun Sil Yu

239 Retroperitoneal Castleman's Tumors of Hyaline Vascular Type: Imaging Study—Case Report

Yutaka Inoue, Hironobu Nakamura, Kohichi Yamazaki, Seigo Mizumoto, Ikuo Kokubu, and Hiroshi Mori

243 Evaluation of Vascularization of Coralline Hydroxyapatite Ocular Implants by Magnetic Resonance Imaging

Herbert Edward Hamilton, Murray Dale Christianson, John Powell Williams, and Robert Allen Thomas

247 Spontaneous Intraperitoneal Rupture of Bladder with Spontaneous Healing

Yung-Liang Wan, Tsan-Zung Yu, Tze-Yu Lee, and Chung-Chueng Tsai

250 MRI Spectrum of Medulloblastoma

D.P. Mueller, S.A. Moore, Y. Sato, and W.T.C. Yuh

256 Sonography and Computed Tomography of a Gossypiboma and in Vitro Studies of Sponges by Ultrasound: Case Report

Yung-Liang Wan, Tzong-Jeng Huang, Dong-Liang Huang, Tze-Yu Lee, and Chung-Chueng Tsai

259 Magnetic Resonance Imaging of Retained Surgical Sponges: Case Report

Hiroshi Sugimura, Shozo Tamura, Yosuke Kakitsubata, Sachiko Kakitsubata, Osamu Uwada, Yasushi Kihara, Masanao Nagatomo, and Katsushi Watanabe

263 MRI of Dural Carotid-Cavernous Fistulas: Comparisons with Postcontrast CT

Akira Uchino, Kanehiro Hasuo, Shunichi Matsumoto, and Kouji Masuda

269 MRI versus CT and US in the Evaluation of a Patient Presenting with Superior Vena Cava Syndrome: Case Report Tasneem Khimji and Jacob Zeiss

RADIOLOGY-PATHOLOGY CONFERENCE

272 An 11-Year-Old Boy with a History of AML and New Onset of Headaches

William D. Donovan and Antonio F. Govoni

EDITORIAL

277 Radiology of the Pleural Fissures: An Historical Perspective Sheila D. Davis

BOOK REVIEWS

277 Diagnostic Ultrasound

Review by Yong Ho Auh

MRI in Paediatric Neuroradiology

Review by Derek C. Harwood-Nash

Progress in Radiopharmacy

Review by Pat Zanzonico

Atlas of Ultrasonographic Artifacts and Variants

Review by Rick Feld

Atlas of Rare Chest Diseases in Children

Review by Paula W. Brill

ABSTRACTS

282 Summaries of Selected Journal Articles

NOTICES

288	A	Note	of Tha	anke

289 Radiology Courses and Meetings

291 Author Index to Volume 16

293 Subject Index to Volume 16